



SEQUENCE LISTING

<110> Brennan, Thomas J.
Mullins, William
Moore, Mark

<120> TRANSGENIC MICE CONTAINING ANAPHYLATOXIN
C3A GENE DISRUPTIONS

<130> R-171

<140> US 09/892,206

<141> 2001-06-26

<150> US 60/215,467

<151> 2000-06-29

<150> US 60/244,083

<151> 2000-10-26

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<170> FastSEQ for Windows Version 4.0

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<212> DNA

<213> Mus musculus

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<212> PRT

<213> Mus musculus

<400> 2

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35 40 45
Gly Val Lys Met Lys Thr Thr Val Asn Thr Val Trp Phe Leu His Leu
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Thr Leu Ala Asp Phe Leu Cys Cys Leu Ser Leu Pro Phe Ser Leu Ala
65 70 75 80
His Leu Ile Leu Gln Gly His Trp Pro Tyr Gly Leu Phe Leu Cys Lys
85 90 95
Leu Ile Pro Ser Ile Ile Ile Leu Asn Met Phe Ala Ser Val Phe Leu
100 105 110
Leu Thr Ala Ile Ser Leu Asp Arg Cys Leu Ile Val His Lys Pro Ile
115 120 125
Trp Cys Gln Asn His Arg Asn Val Arg Thr Ala Phe Ala Ile Cys Gly
130 135 140
Cys Val Trp Val Val Ala Phe Val Met Cys Val Pro Val Phe Val Tyr
145 150 155 160
Arg Asp Leu Phe Ile Met Asp Asn Arg Ser Ile Cys Arg Tyr Asn Phe
165 170 175
Asp Ser Ser Arg Ser Tyr Asp Tyr Trp Asp Tyr Val Tyr Lys Leu Ser
180 185 190
Leu Pro Glu Ser Asn Ser Thr Asp Asn Ser Thr Ala Gln Leu Thr Gly
195 200 205
His Met Asn Asp Arg Ser Ala Pro Ser Ser Val Gln Ala Arg Asp Tyr
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Phe Trp Thr Val Thr Thr Ala Leu Gln Ser Gln Pro Phe Leu Thr Ser
225 230 235 240
Pro Glu Asp Ser Phe Ser Leu Asp Ser Ala Asn Gln Gln Pro His Tyr
245 250 255
Gly Gly Lys Pro Pro Asn Val Leu Thr Ala Ala Val Pro Ser Gly Phe
260 265 270
Pro Val Glu Asp Arg Lys Ser Asn Thr Leu Asn Ala Asp Ala Phe Leu
275 280 285
Ser Ala His Thr Glu Leu Phe Pro Thr Ala Ser Ser Gly His Leu Tyr
290 295 300

Pro Tyr Asp Phe Gln Gly Asp Tyr Val Asp Gln Phe Thr Tyr Asp Asn
 305 310 315 320
 His Val Pro Thr Pro Leu Met Ala Ile Thr Ile Thr Arg Leu Val Val
 325 330 335
 Gly Phe Leu Val Pro Phe Phe Ile Met Val Ile Cys Tyr Ser Leu Ile
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 Val Phe Arg Met Arg Lys Thr Asn Phe Thr Lys Ser Arg Asn Lys Thr
 355 360 365
 Phe Arg Val Ala Val Ala Val Val Thr Val Phe Phe Ile Cys Trp Thr
 370 375 380
 Pro Tyr His Leu Val Gly Val Leu Leu Leu Ile Thr Asp Pro Glu Ser
 385 390 395 400
 Ser Leu Gly Glu Ala Val Met Ser Trp Asp His Met Ser Ile Ala Leu
 405 410 415
 Ala Ser Ala Asn Ser Cys Phe Asn Pro Phe Leu Tyr Ala Leu Leu Gly
 420 425 430
 Lys Asp Phe Arg Lys Lys Ala Arg Gln Ser Ile Lys Gly Ile Leu Glu
 435 440 445
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Targeting vector

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<210> 4
 <211> 200
 <212> DNA
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<220>
 <223> Targeting vector

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 <212> DNA
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<211> 439

<212> DNA

<213> Mus musculus

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<211> 295

<212> DNA

<213> Mus musculus

<400> 7

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